

Supporting Information

**Au/AgBr-Ag Heterostructure Plasmonic Photocatalyst with
Enhanced Catalytic Activity under Visible Light**

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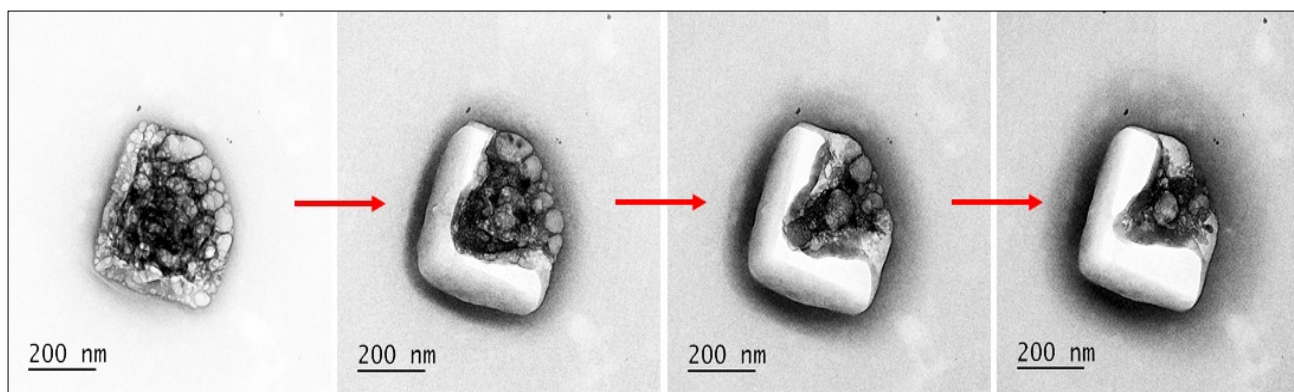


Figure S1 Structure deformation of Au/AgBr/Ag NPs under high energy electron-beam during TEM analysis.

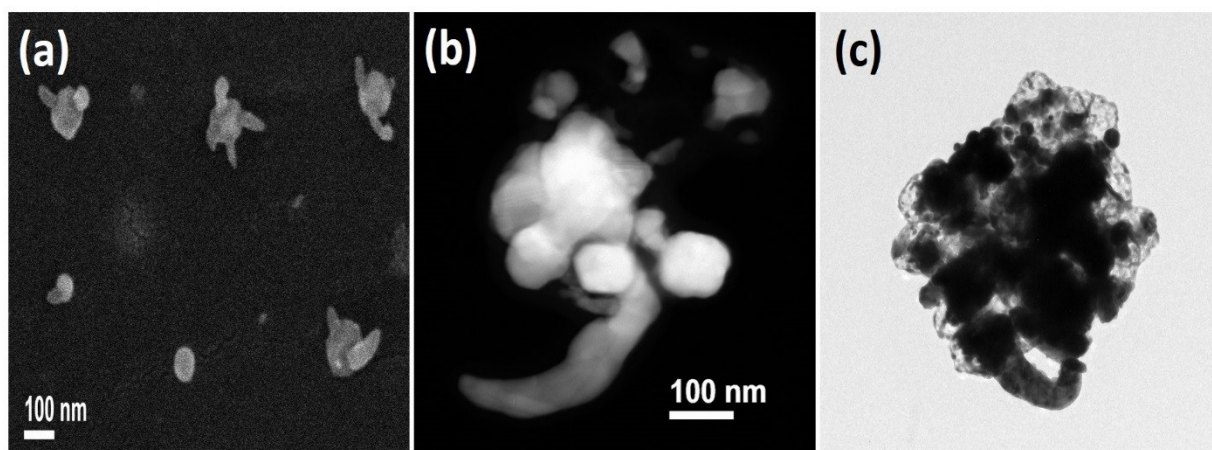


Figure S2 Structure deformation of Au/AgBr/Ag NPs under high energy electron-beam during (a) FESEM, (b) HADAAAF-STEM, (c) TEM analysis.

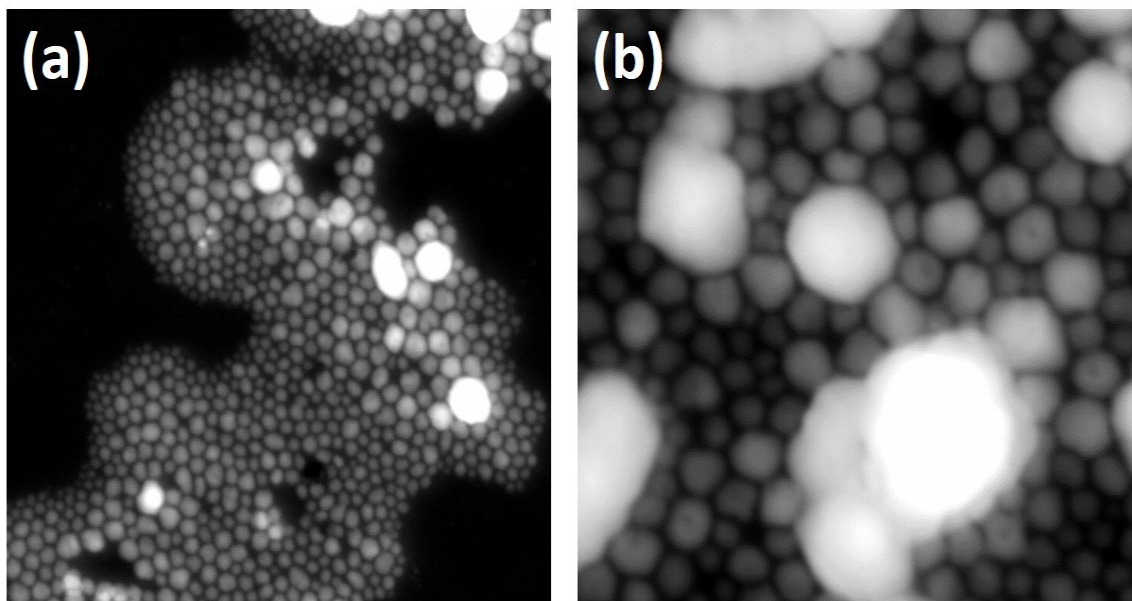


Figure S3 HADA AF-STEM images of Au/AgBr/Ag NPs.

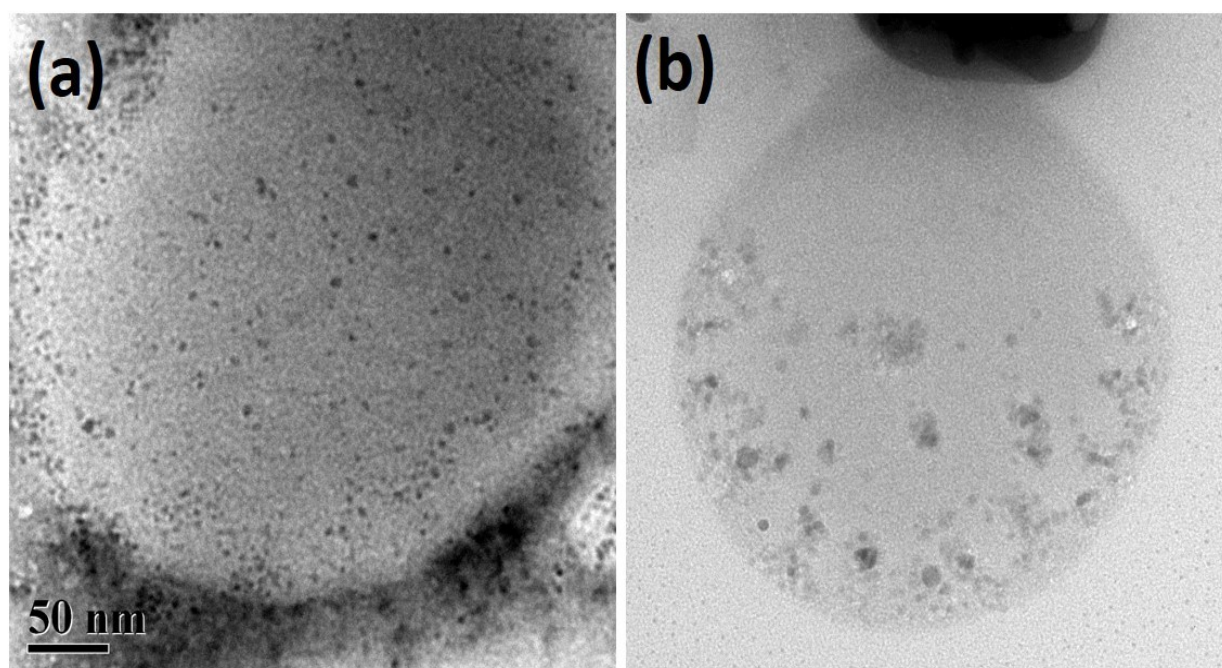


Figure S4 TEM image of Au NPs distribution inside the AgBr/Ag NPs.